



Patent  
Attorney's Docket No. 040072-247

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Bengt LINDOFF et al. ) Group Art Unit: Unassigned  
Application No.: 10/700,855 ) Examiner: Unassigned  
Filed: November 4, 2003 ) Confirmation No.: Unassigned  
For: Interference Estimation in CDMA )  
Systems Using Alternative )  
Scrambling Codes )

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

Information Disclosure Statement  
Application No. 10/700,855  
Attorney's Docket No. 040072-247  
Page 2

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

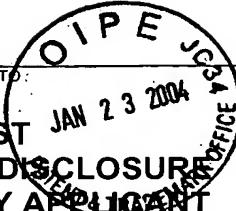
BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 

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(703) 836-6620

Date: January 22, 2004



Substitute for form 1449A/PTO & 1449B/PTO:

**FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Sheet 1 of 1 Attorney Docket Number 040072-247

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	U.S. Patent Application No. 09/344, 898, Wang et al., "Multi-stage Rake Combing Methods and Apparatus", filed on June 25, 1999.
	Turin, George L., "Introduction to Spread-Spectrum Antimultipath Techniques and Their Application to Urban Digital Radio", Proceedings of the IEEE Vol. 68, No. 3; pages 328-353, March 1980.

Examiner Signature \_\_\_\_\_ Date Considered \_\_\_\_\_

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Bengt LINDOFF et al.

Group Art Unit: Unassigned

Application No.: 10/700,855

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Filing Date: November 4, 2003

Confirmation No.: Unassigned

Title: Interference Estimation in CDMA Systems Using Alternative Scrambling Codes

**FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed is a **FIRST** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.



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Date: 1/21/04